Fig. 1



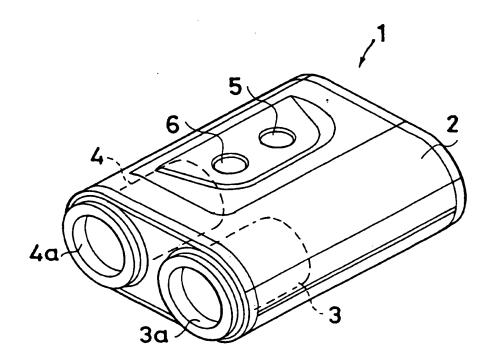


Fig. 2 ∞ 3 PULSE GENERATION CIRCUIT SIGNAL RECEIVING CIRCUIT DISTANCE DISPLAY 3 DETERMINER TABLE PROD. COMPONENT THRESHOLD SELECTOR DISTANCE SELECTOR COUNTER

Fig. 3

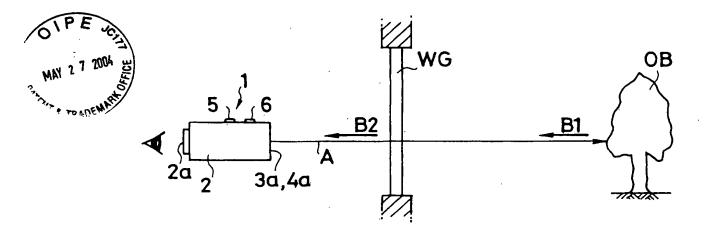


Fig. 4

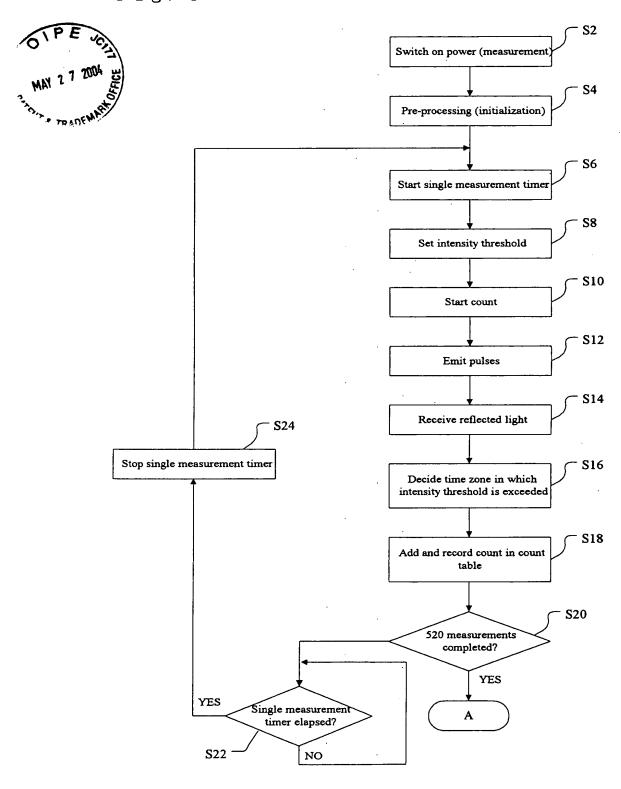
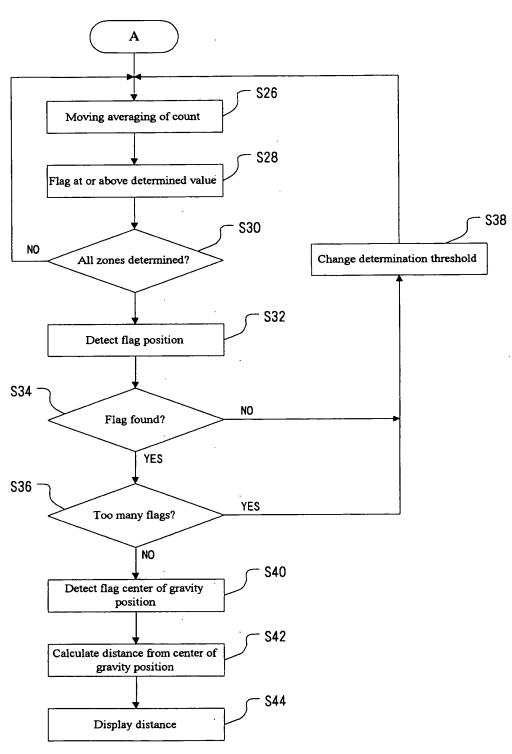


Fig. 5





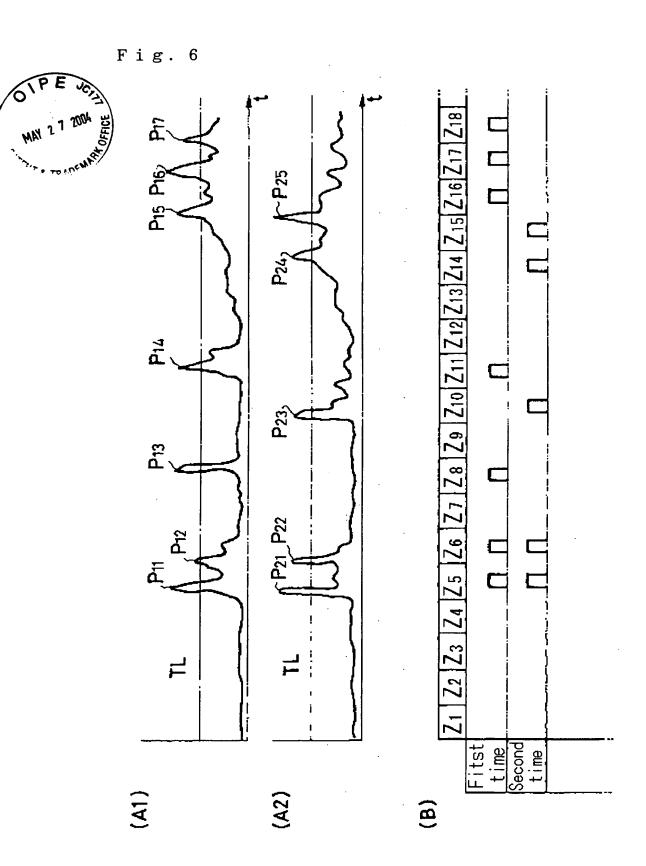


Fig. 7



Z ₁	Z ₂	Z3	Z4	Z 5	Z ₆	Z 7	
10	5	12	80	280	200	30	

Fig. 8

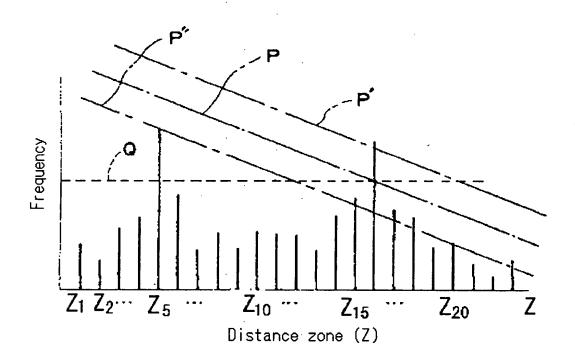
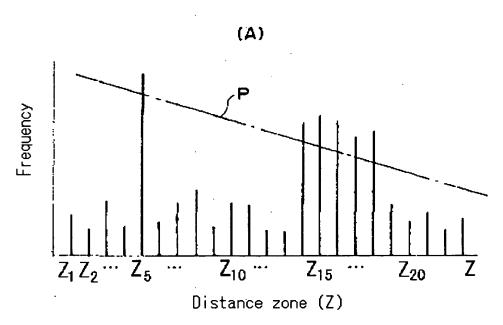


Fig. 9





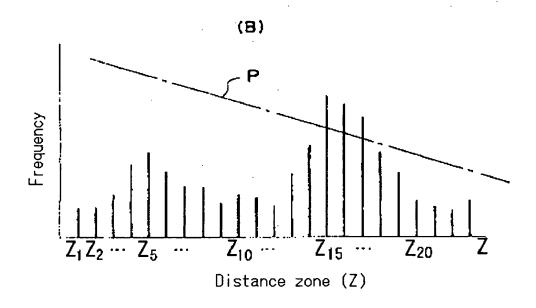


Fig. 10

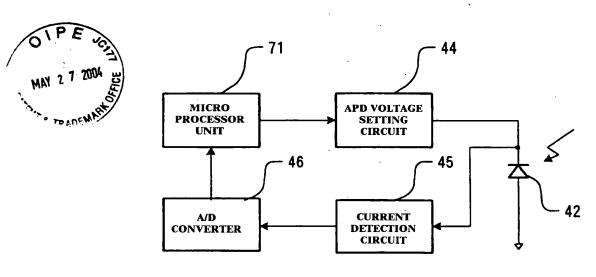


Fig. 11

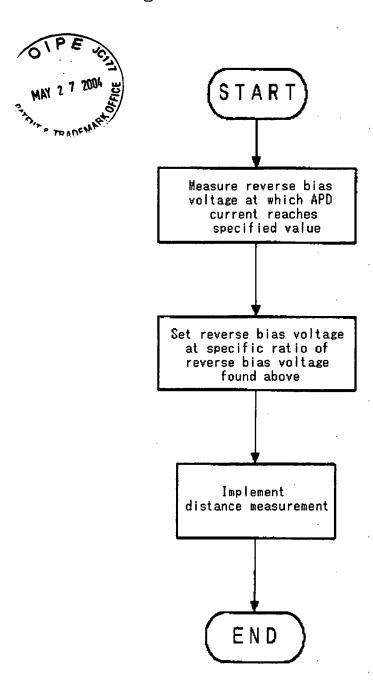
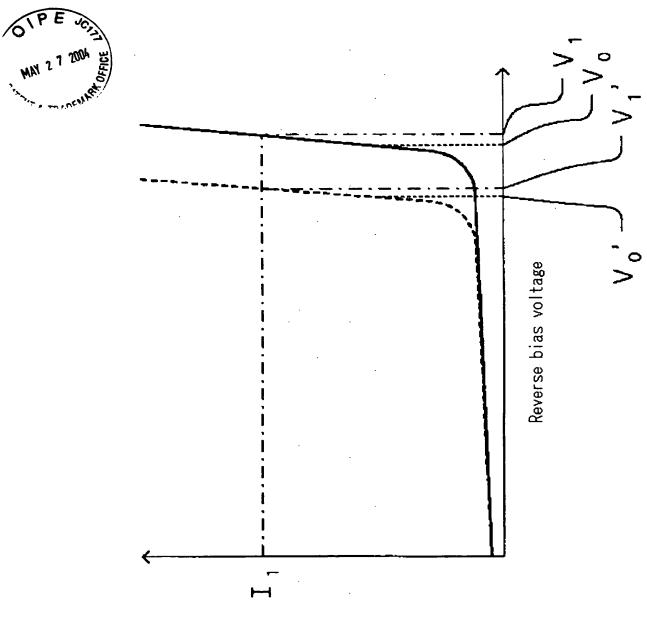
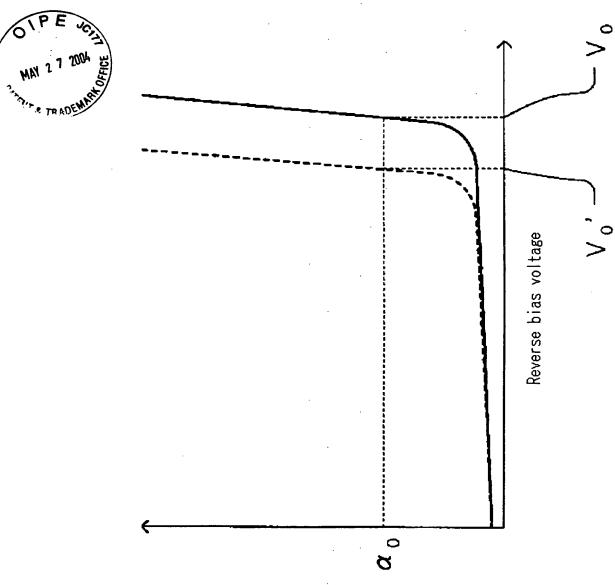


Fig. 12



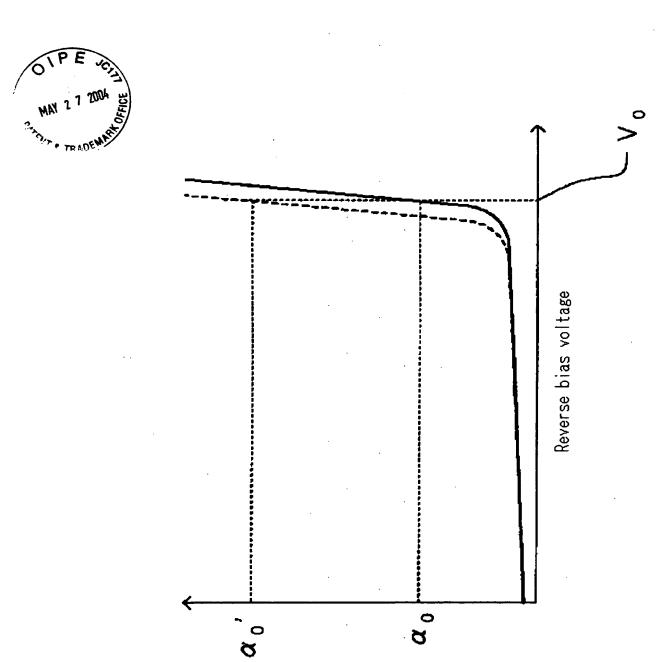
Detected current value

Fig. 13



Detected current value

Fig. 14



Detected current value